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A New Freshwater Shrimp Host, *Macrobrachium faustinum* (de Saussure), and Locality Record, Puerto Rico, for the Bopyrid Isopod *Probopyrus pandalicola* (Packard)

LUCY BUNKLEY-WILLIAMS,¹ AND ERNEST H. WILLIAMS, JR.,² ¹*Department of Biology, University of Puerto Rico, PO Box 9012, Mayagüez, Puerto Rico 00681-9012.* ²*Caribbean Aquatic Animal Health Project, Department of Marine Sciences, University of Puerto Rico, PO Box 908, Lajas, Puerto Rico 00667-0908.*

The bopyrid isopod, *Probopyrus pandalicola* (Packard), infects six species of freshwater shrimp throughout the West Indies (Table 1) and others from New Hampshire to Florida along the Atlantic coast of the USA, the Atlantic coast of South America to Brazil, and the Pacific coast of Panama (Kensley and Schotte, 1989). The freshwater shrimp, *Macrobrachium faustinum* (de Saussure), occurs throughout the West Indies and along the Atlantic coast of South America to Brazil (Chace and Hobbs, 1969). We report specimens of *P. pandalicola* from *M. faustinum* taken from the Guaynilla River in southwestern Puerto Rico (United States National Museum Crustacean Collection isopods and shrimp). These records in *M. faustinum* represent a new host. Holthuis (1977) identified the isopods he found in this host in Cuba as "bopyrids" and "bran-

TABLE 1. Other Records of *Probopyrus pandalicola* in Caribbean Shrimp.

Shrimp Species	Geographic Location	Reference(s)
<i>Macrobrachium acanthurus</i>	Escondido River, Nicaragua	Richardson 1905
	Pariso, Panama	Richardson 1912
	Cacoyuguin River, Cuba*	Holthuis 1977
	Cuba*	Markham 1985
	Petit Bourg, Martinique	Markham 1985
<i>Macrobrachium amazonicum</i>	Tortuguero, Costa Rica	Markham 1985
	Curaçao	Nierstrasz & Brender 1925
	Orinoco River, Venezuela	Markham 1985
<i>Macrobrachium carcinus</i>	West Indies?	Carvalho 1942, Holthuis 1950, Rioja 1949
	Panama Canal, Panama	Richardson 1912
<i>Macrobrachium olfersii</i>	Guaos, Cuba	Rathbun 1912
	La Rosa, Colombia	Pearse 1915
<i>Macrobrachium sp.</i>	San Cristobal, Dominican Republic	Markham 1985
	St. Croix, USVI	Nierstrasz & Brender 1929
<i>Palaemon northropi</i>	Ascension Bay, Mexico	Chace 1972*, Markham 1985
	Laguna, Grande, Venezuela	Markham 1985

*Identity of the "bopyrid" uncertain.

chial bopyrid parasite". Kensley and Schotte (1989) assumed that this material represented *P. pandalicola*, apparently based on the rather confusing synonym list of Markham (1985, p. 27-29). Markham (1985) did not re-examine the material of Holthuis, and listed the bopyrid from *M. faustinum* as "unidentified" (Markham, 1985: 128).

Our records represent a new locality record for Puerto Rico where this bopyrid occurs commonly with this host but in no other shrimp or crab found in extensive backpack electrofishing collections made around the island (Schmidt-Gengenbach and Holmquist, unpublished). We examined representative subsamples from their collections and found only *P. pandalicola*.

The only other specimens of this bopyrid collected from the northeastern Caribbean have been a female and a cryptoniscan larva from the Dominican Republic and an immature female from St. Croix. Few other records exist from the entire insular Caribbean: a pair from Cuba [listed as questionable by Markham (1985: 128)] and a pair from Martinique. Seven specimens had been reported in the insular Caribbean previously.

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